

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

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# Ignition Cables And Attaching Hardware

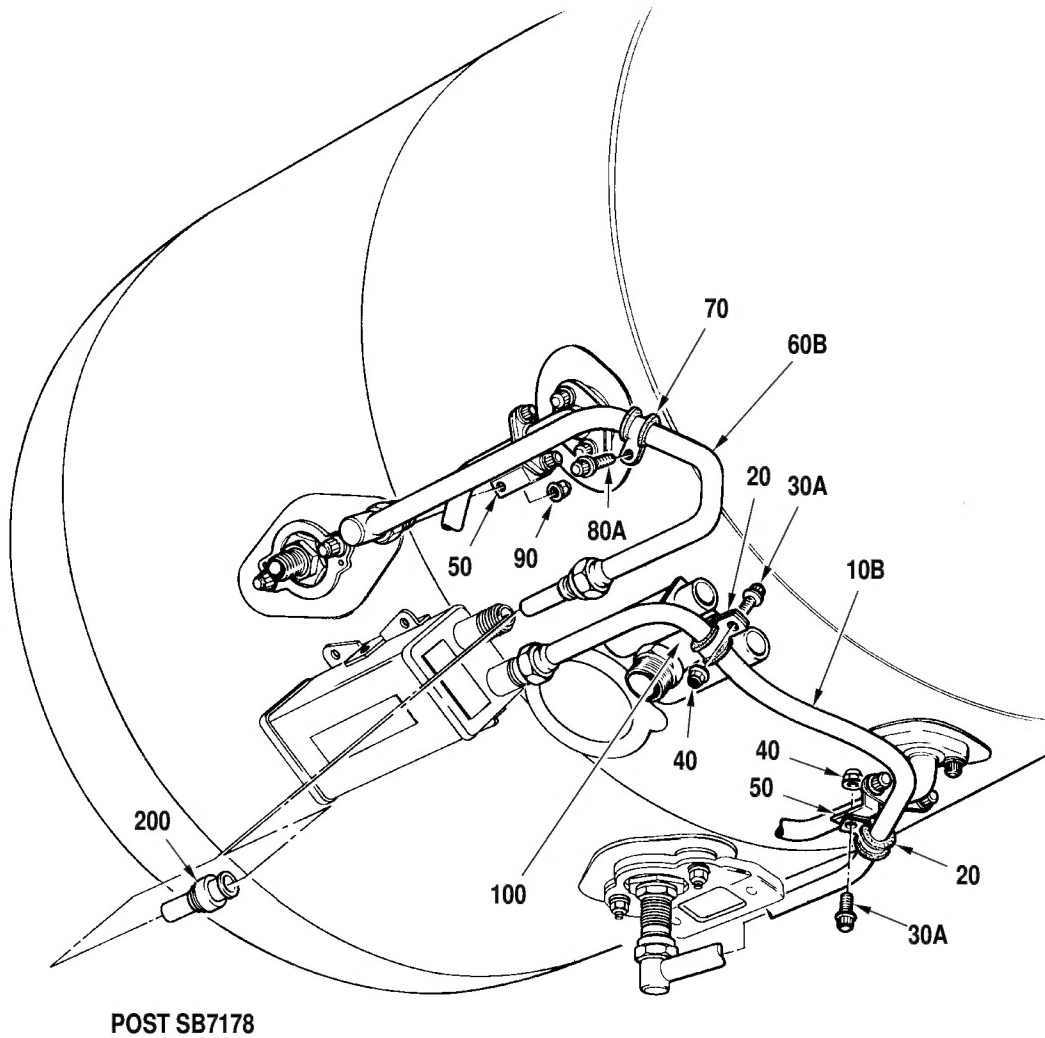
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**Figure 1**

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Ignition Cables And Attaching Hardware  
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**Figure 1**

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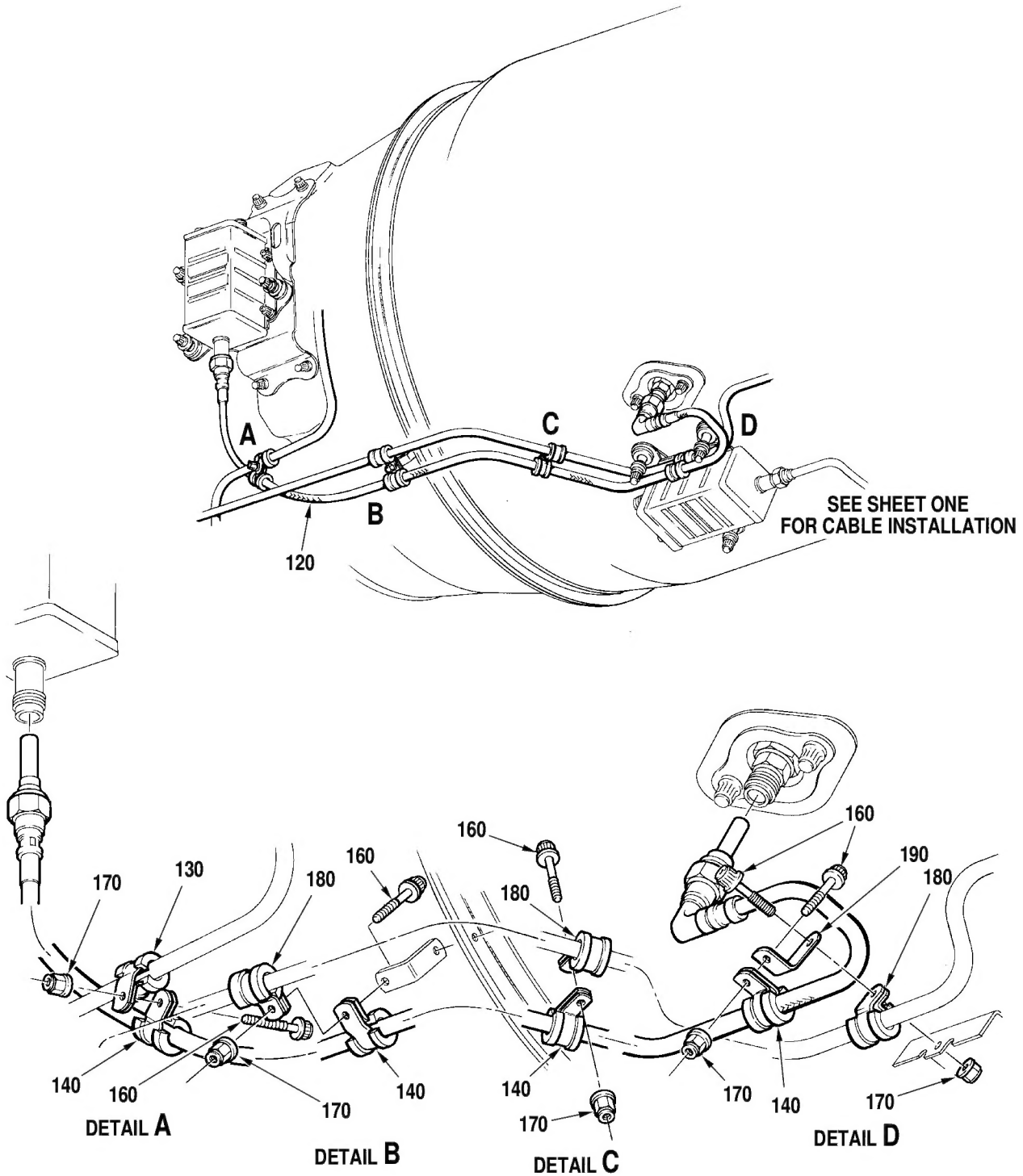
FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 1			IGNITION CABLES AND ATTACHING HARDWARE SEE 72-00-50 FIG. 1 FOR NHA		REF
- 10	3013624		.CABLE, EXCITER TO IGNITER PLUG SEE NOTE 1 SUPPLIER CODE: 77820 P&WC P/N: 10-380051-1 PRE-SB7089 INTRCHG WITH P/N 3024644 NONINTR WITH P/N 3027939		1
- 10A	3024644		.CABLE, EXCITER TO IGNITER PLUG SEE NOTE 1 SUPPLIER CODE: 77820 P&WC P/N: 10-380051-5 PRE-SB7089 NONINTR WITH P/N 3031901		1
10B	3031901		.CABLE OPTION SEE NOTE 1 SEE FIG. 2 FOR BREAKDOWN POST-SB7089 INTRCHG WITH P/N 3103936-01 (IC) CONSISTS OF:		1
	10-395428-1		..CABLE-IGNITION EXCITER TO IGNITER		AR
	3100657-01		..CABLE SUPPLIER CODE: 77820 P&WC P/N: 3027939		AR
- 10C	3103936-01		..CABLE .CABLE, IGNITION EXCITER TO IGNITER SEE NOTE 1 USE WITH P/N 3030367 AND ST3023-05 INTRCHG WITH P/N 3107371-01		1
- 10D	3107371-01		.CABLE, IGNITION EXCITER TO IGNITER SEE NOTE 1 USE WITH P/N 3030367 POST-SB7207 PRE-SB7387 PRE-SB7429R1 PRE-SB7431R1 RESTRICTED INTERCHANGEABILITY WITH P/N 3040803. REFER TO APPLICABLE SERVICE BULLETIN.		1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

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Ignition Cables And Attaching Hardware  
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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			1234567		
- 10E	3040803		.CABLE OPTION (IC) CONSISTS OF:		1
	9048305-101		..CABLE-IGNITION EXCITER TO IGNITER POST-SB7429R1		AR
	53300-1		..CABLE SUPPLIER CODE: 59501 P&WC P/N: 3118361-01		AR
20	3008973		ATTACHING PARTS .CLAMP ASSY, LOOP CUSHIONED INTRCHG WITH P/N 3006614		2
- 20A	3006614		.CLAMP ASSY, LOOP		2
- 20B	3030367		.CLAMP, LOOP USE WITH P/N ST3023-05 REFER TO PARTS SUBSTITUTION LIST IN INTRODUCTION		2
- 20C	ST3023-05		.GROMMET, RUBBER, GROOVE 0.312 PRE-SB7387 PRE-SB7429R1 PRE-SB7431R1 TWO-WAY INTRCHG WITH P/N ST3023-06		2
- 20D	ST3023-06		.GROMMET, RUBBER, GROOVE 0.375 POST-SB7387 POST-SB7429R1 POST-SB7431R1		2
25	DELETED				
- 30	3013513		.BOLT, MACHINE, DBL HEX INTRCHG WITH P/N MS9914-06		2
30A	MS9914-06		.BOLT, MACHINE, DBL HEX		2
40	3012675		.NUT OPTION (IC) CONSISTS OF:		2
	3005816		..NUT SELF-LOCKING, HEX 0.190-32UNJF-3B		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*		
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

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**Figure 1**  
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**PRATT & WHITNEY CANADA**  
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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			1234567		
50	MS9592-048		.BRACKET, ANGLE, 90 DEG SEE 79-20-03 FIG. 1 SEE 79-20-04 FIG. 1		2
- 60	3017419		.CABLE, EXCITER TO IGNITER PLUG SEE NOTE 1 SUPPLIER CODE: 77820 P&WC P/N: 10-380051-4 PRE-SB7089 NONINTR WITH P/N 3027940		1
- 60A	3024645		.CABLE, EXCITER TO IGNITER PLUG SEE NOTE 1 SUPPLIER CODE: 77820 P&WC P/N: 10-380051-8 PRE-SB7089 NONINTR WITH P/N 3031902		1
60B	3031902		.CABLE OPTION, EXCITER TO PLUG; PRCMT NO. CONSISTS OF OPTL P/N, 10-395428-2 SEE NOTE 1 SEE FIG. 2 FOR BREAKDOWN SUPPLIER CODE: 77820 P&WC P/N: 3027940 SUPPLIER CODE: 77820 P&WC P/N: 3100657-02 POST-SB7089 INTRCHG WITH P/N 3103936-03 (IC) CONSISTS OF:		1
- 60C	3103936-03		.CABLE, IGNITION EXCITER TO IGNITER SEE NOTE 1 USE WITH P/N 3030367 AND ST3023-05		1
70	3008973		.CLAMP ASSY, LOOP, CUSHIONED INTRCHG WITH P/N 3006614		1
- 70A	3006614		.CLAMP ASSY, LOOP CUSHIONED		1
- 70B	3030367		.CLAMP, LOOP USE WITH P/N ST3023-05 AND 3103936-03 REFER TO PARTS SUBSTITUTION LIST IN INTRODUCTION		1
- 70C	ST3023-05		.GROMMET, RUBBER, GROOVE USE WITH P/N 3030367 AND 3103936-03		1
- 70D	3030367		.CLAMP, LOOP USE WITH P/N ST3023-06 REFER TO PARTS SUBSTITUTION LIST IN INTRODUCTION		1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

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**Figure 1**  
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**PRATT & WHITNEY CANADA**  
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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			1234567		
- 70E	ST3023-06		.GROMMET, RUBBER, GROOVE		1
- 80	3013513		.BOLT, MACHINE, DBL HEX INTRCHG WITH P/N MS9914-06		1
80A	MS9914-06		.BOLT, MACHINE, DBL HEX		1
90	3012675		.NUT OPTION (IC) CONSISTS OF: ..NUT SELF-LOCKING, HEX 0.190-32UNJF-3B		1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
100	3017429		.PLATE, SUPPORT, LOOP CLAMP SEE 77-20-02 FIG. 1		1
- 110	3022686		.TAPE, GLASS CLOTH 1.000 IN SEE NOTE 2		AR
120	3103936-02		.CABLE, IGNITION EXCITER TO IGNITER, USE WITH DUAL IGNITION SYSTEM POST-SB7207		1
- 120A	3107371-02		.CABLE, IGNITION EXCITER TO IGNITER PRE-SB7387 PRE-SB7429R1 RESTRICTED INTERCHANGEABILITY WITH P/N 3040804. REFER TO APPLICABLE SERVICE BULLETIN. USE WITH DUAL IGNITION SYSTEM		1
- 120B	3040804		.CABLE OPTION IGNITION POST-SB7387 POST-SB7429R1 USE WITH DUAL IGNITION SYSTEM (IC) CONSISTS OF: ..CABLE IGNITION EXCITER TO IGNITER		1
	9048305-103		..CABLE SUPPLIER CODE: 59501 P&WC P/N: 3118361-02		AR
	53300-2		..CABLE SUPPLIER CODE: 50148 P&WC P/N: 3118347-02		AR
130	3006808		.CLAMP ASSY, LOOP		1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

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**PRATT & WHITNEY CANADA**  
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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
140	3030367		.CLAMP, LOOP USE WITH P/N ST3023-05 REFER TO PARTS SUBSTITUTION LIST IN INTRODUCTION		4
- 150	ST3023-05		.GROMMET, RUBBER, GROOVE 0.312 USE WITH P/N 3030367 PRE-SB7387 TWO-WAY INTRCHG WITH P/N ST3023-06		4
- 150A	ST3023-06		.GROMMET, RUBBER, GROOVE 0.375 USE WITH P/N 3030367 POST-SB7387		4
160	MS9914-06		.BOLT, MACHINE, DBL, HEX		4
170	3012675		.NUT OPTION (IC) CONSISTS OF: ..NUT SELF-LOCKING, HEX 0.190-32UNJF-3B		4
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
180	3006614		.CLAMP ASSY, LOOP		2
- 180A	3030367		.CLAMP, LOOP USE WITH P/N ST3023-06 REFER TO PARTS SUBSTITUTION LIST IN INTRODUCTION		2
- 180B	ST3023-06		.GROMMET, RUBBER, GROOVE USE WITH P/N 3030367		2
190	MS9592-018		.BRACKET, ANGLE, 90 DEG		1
200	3034188		.PLUG, ELECTRICAL, SHORTING SEE NOTE 3		1
			NOTE 1: FOR ADDITIONAL INFORMATION REFER TO P&WC ENGINE OVERHAUL MANUAL P/N 3017543		
			NOTE 2: USED WHEN CLAMPING 3100657-01 AND 3100657- 02 IN POSITION ON THE ENGINE		
			NOTE 3: TO BE USED TO CONVERT TO DUAL IGNITION REF SB7178		

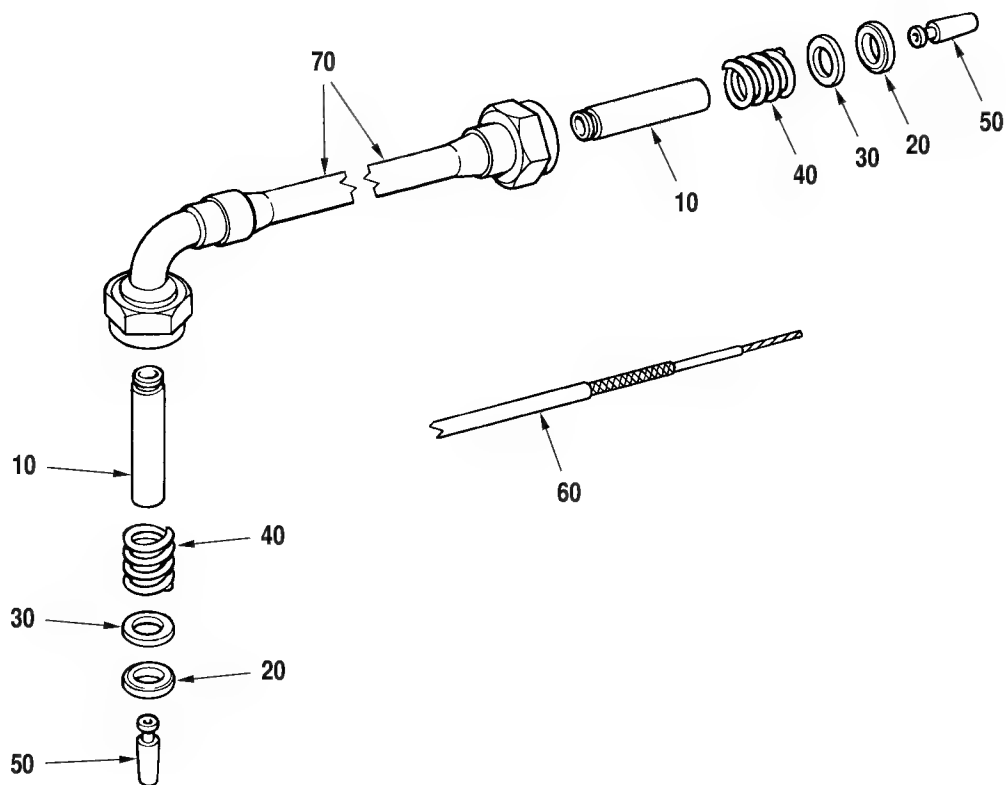
- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

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## Ignition Lead Assembly

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Ignition Lead Assembly  
Figure 2

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2					
- 1	3027939		IGNITION LEAD ASSEMBLY SEE FIG. 1 FOR NHA SUPPLIER CODE: 77820 P&WC P/N 10-395428-1		REF
- 1A	3027940		IGNITION LEAD ASSEMBLY SEE FIG. 1 FOR NHA SUPPLIER CODE: 77820 P&WC P/N 10-395428-2		REF
10	10-395388		.SLEEVE, INSULATING SUPPLIER CODE: 77820 P&WC P/N		2
20	10-102472		.WASHER, CHAMFERED, RUBBER SUPPLIER CODE: 77820 P&WC P/N		2
30	10-85410		.WASHER, COUNTERSUNK SUPPLIER CODE: 77820 P&WC P/N		2
40	10-90242-1		.SPRING, HELICAL, COMPRESSION SUPPLIER CODE: 77820 P&WC P/N		2
50	10-395460		.CONTACT, SOCKET SIZE 12 SUPPLIER CODE: 77820 P&WC P/N		2
60	10-180092-1		.CABLE, 5MM, HT SILICONE COPPER CONDUCTOR 25 FT. SUPPLIER CODE: 77820 P&WC P/N		AR
70	10-395466-1		.CONDUIT ASSEMBLY, 21.000 21.000 IN. SUPPLIER CODE: 77820 P&WC P/N COMPONENT OF P/N 10-395428-1		1
- 70A	10-395466-2		.CONDUIT ASSEMBLY, 15.000 15.000 IN. SUPPLIER CODE: 77820 P&WC P/N COMPONENT OF P/N 10-395428-2		1

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

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**Figure 2**  
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## Spark Igniters Installation

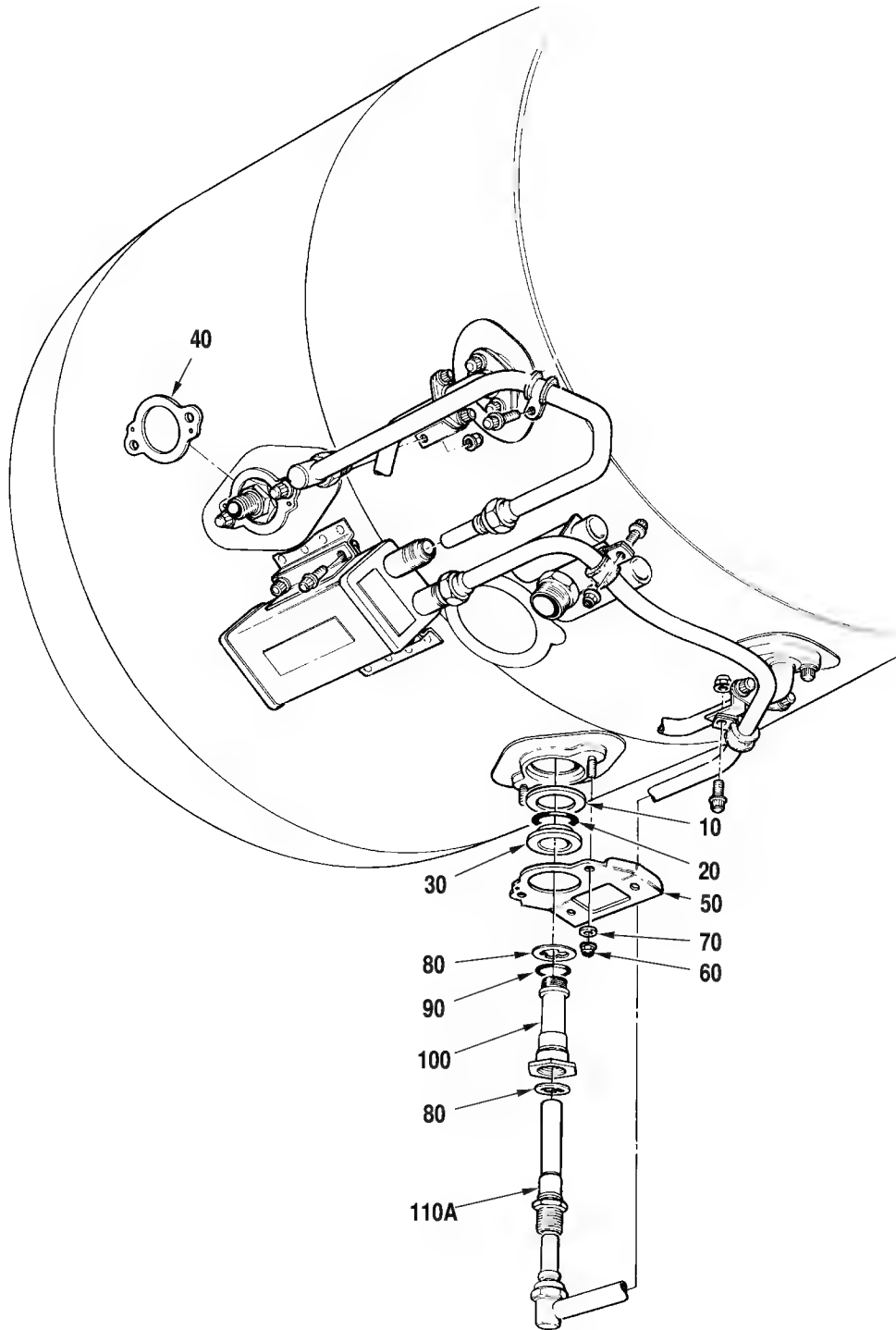
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**Figure 1**

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**PRATT & WHITNEY CANADA**  
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Spark Igniters Installation  
Figure 1

**PRATT & WHITNEY CANADA**  
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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 1			SPARK IGNITERS INSTALLATION SEE 72-00-00 FIG. 1 FOR NHA		REF
10	3015274		.SPACER, FLAT		2
20	MS9388-126		.PACKING, PREFORMED INTRCHG WITH P/N AS3209-126		2
- 20A	AS3209-126		.PACKING, PREFORMED		2
30	3015275		.CARRIER, SEAL, IGNITER SLEEVE		2
40	3015273		.PLATE, RETAINING, SEAL CARRIER		1
50	3017387		.BRACKET, RETAINING, SEAL CARRIER	A C D F G H J	1
- 51	3015273		.PLATE, RETAINING, SEAL CARRIER	E	1
60	3012675		.NUT OPTION (IC) CONSISTS OF: ..NUT SELF-LOCKING, HEX 0.190-32UNJF-3B		4
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
70	MS9320-09		.WASHER, FLAT	A C G	2
80	3017452		.GASKET, IGNITER		4
90	MS9388-020		.PACKING, PREFORMED INTRCHG WITH P/N AS3209-020		2
- 90A	AS3209-020		.PACKING-PREFORMED		2
100	3016697		.SLEEVE, IGNITER PRE-SB7387R1 PRE-SB7429R2 PRE-SB7431R2 RESTRICTED INTERCHANGEABILITY WITH P/N 3115517-01. REFER TO APPLICABLE SERVICE BULLETIN.		2
- 100A	3115517-01		.SLEEVE-IGNITER POST-SB7387R1 POST-SB7429R2 POST-SB7431R2		2

CONTINUED

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
A JT15D-1	G JT15D-1B(CSNA)	
C JT15D-1A(CSNA)	H JT15D-4B(CSNA)	
D JT15D-4(CSNA)	J JT15D-4D(Mitsub)	
E JT15D-4(Aerosp)		
F JT15D-4(Mitsub)		

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**Figure 1**  
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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 110	3019484		.IGNITER OPTION (IC) CONSISTS OF:		2
	3019483		..IGNITER		AR
	3019597		..IGNITER		AR
	3021740		..IGNITER		AR
- 110A	3019484		.IGNITER OPTION INTRCHG WITH P/N 3030595 (IC) CONSISTS OF:		2
	3019483		..IGNITER		AR
	3019597		..IGNITER		AR
	3021740		..IGNITER		AR
	3022669		..IGNITER		AR
- 110B	3022669		.IGNITER INTRCHG WITH P/N 3030595		2
- 110C	3030595		.IGNITER OPTION (IC) CONSISTS OF:		2
	3022669		..IGNITER		AR
	3027547		..IGNITER		AR
- 110D	3030595		.IGNITER PRE-JT15D SPB NO.12 (IC) CONSISTS OF:		2
	3022669		..IGNITER		AR
	3034914		..IGNITER		AR
- 110E	3030595		.IGNITER POST-JT15D SPB NO.12 PRE-SB7387R1 PRE-SB7429R1 PRE-SB7431R1 RESTRICTED INTERCHANGEABILITY WITH P/N 9044810-1. REFER TO APPLICABLE SERVICE BULLETIN. (IC) CONSISTS OF:		2
	3039828		..IGNITER		AR
	3034914		..IGNITER		AR
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

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FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 110F	9044810-1		.IGNITER SUPPLIER CODE: 59501 P&WC P/N: 3117464-01 POST-SB7387R1 POST-SB7429R1 POST-SB7431R1 PRE-SB7459 PRE-JT15D SPB NO.38 TWO-WAY INTRCHG WITH P/N CH34659-3 TWO-WAY INTRCHG WITH P/N 3119590-01		TEXT
- 110G	CH34659-3		.IGNITER SUPPLIER CODE: 0AFL4 P&WC P/N: 3119400-01 PRE-SB7459		TEXT
- 110H	3119590-01		.IGNITER OPTION (IC) POST-JT15D SPB NO.38 (IC) CONSISTS OF:		TEXT
	9044810-1		..IGNITER SUPPLIER CODE: 59501 P&WC P/N: 3117464-01		AR
	CH34668-01		..IGNITER SUPPLIER CODE: VOAFL4 P&WC P/N: 3117463-01		AR

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

**74-20-02**  
**Figure 1**  
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